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## Technical Datasheet

# tasker® C525 – 1x0,70 mm<sup>2</sup>

### Low Loss Coaxial cable 50 Ω Cable



A	B	C	D	E
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**CATEGORY** Coaxial cable 50 Ω (See Data Network Catalogue)  
**APPLICATIONS** High Frequency Antennas and Networks.

- A:** Black Soft PVC - RAL 9004 - Outer Diam. Ø 5,00 (±0,10) mm
- B:** First Shielding in O.F.C. tinned copper Braid covering 96%
- C:** Second Shielding in Aluminum/PET/Aluminum covering 100%
- D:** Core Insulation with White polyethylene (PEE).  
Diam. Ø 2,80 (±0,10) mm
- E:** Red Copper Stiff Wire formation 1x0,95 mm.  
Nom. Cross section 1x0,70 mm<sup>2</sup>.

**MARKING** tasker® C525 1x0,70 mm<sup>2</sup> (50Ω) - 0.95/2.80/5.00 - DOUBLE SHIELDED LOW LOSS  
 WI-FI / RF COAX CABLE MADE IN ITALY

**CUSTOM PRODUCTION** This product may be custom produced also in L.S.Z.H. polymer, PE, PUR,  
 with or without Metallic Armor.

#### Cable Properties

<b>Conductor Resistance</b>	18 Ω/Km
<b>Capacity Core/Shield</b>	80 pF/m
<b>Velocity of Propagation</b>	80%
<b>Impedance</b>	50Ω
<b>Insulation Spark Test</b>	4,0 kV
<b>Operative Temperature</b>	-15/+70°C

#### Attenuation dB/100 m and Max Watt (W) Applicable

<b>50 MHz</b>	8,50	626
<b>100 MHz</b>	11,30	443
<b>500 MHz</b>	25,90	198
<b>800 MHz</b>	33,20	157
<b>1000 MHz</b>	37,50	140
<b>3000 MHz</b>	73,40	81

<b>USE</b>	<b>X</b>	Indoor	Interno Edificio	<b>INSTALLATION</b>	<b>X</b>	Fixed	Fissa	<b>INFORMATION</b>	<b>X</b>	RoHS2 Compliant
<b>Impiego</b>	<b>X</b>	Outdoor Limited	Esterno Limitato	<b>Posa</b>	<b>X</b>	Restricted Mobile	Mobile Limitata	<b>Informazioni</b>	<b>X</b>	Ver. A / 16.05.16
		Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			